

Pharmaceuticals

The specificity and broad multitarget properties of ligands for the free fatty acid receptors FFA3/GPR41 and FFA2/GPR43 and the related hydroxycarboxylic acid receptor HCA2/GPR109A

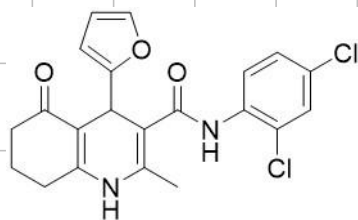
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¹Latvian Institute of Organic Synthesis, Aizkraukles iela 21, Riga LV-1006, Latvia

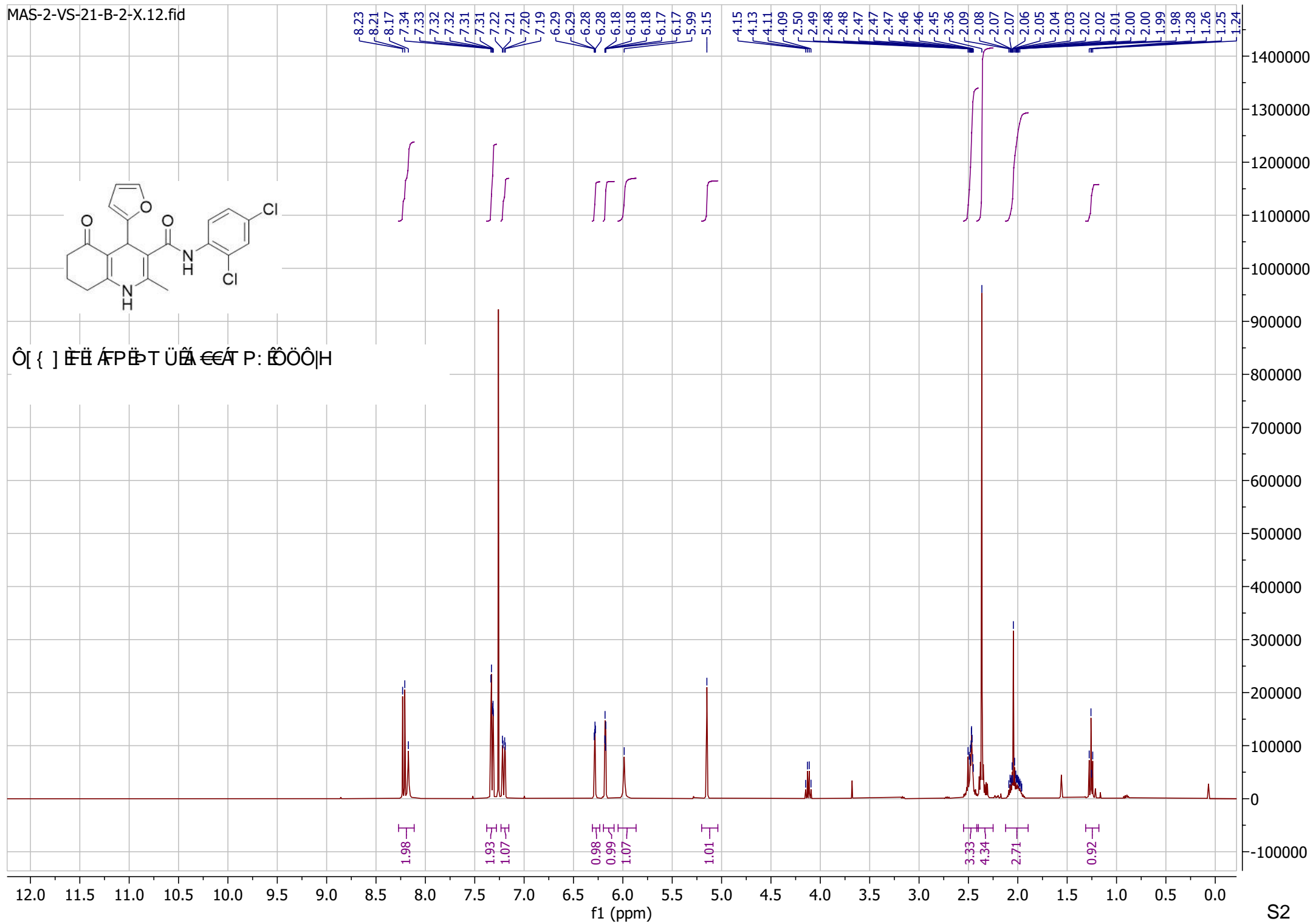
²Latvian Biomedical Research and Study Centre, Ratsupites iela 1, Riga LV-1067, Latvia

³Department of Physiology and Pharmacology "Vittorio Erspamer", Sapienza University, P.le Aldo Moro 5, 00185, Rome, Italy

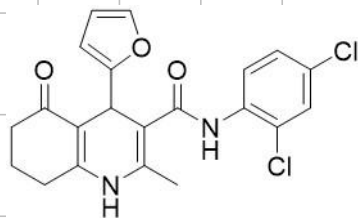
Examples of ¹H and ¹³C NMR spectra of compounds **1**, **2**, **3** and **S2-S25**



Ô[{] ÆË ÁPËT ÜË Å Å P: ÆÖÖ|H

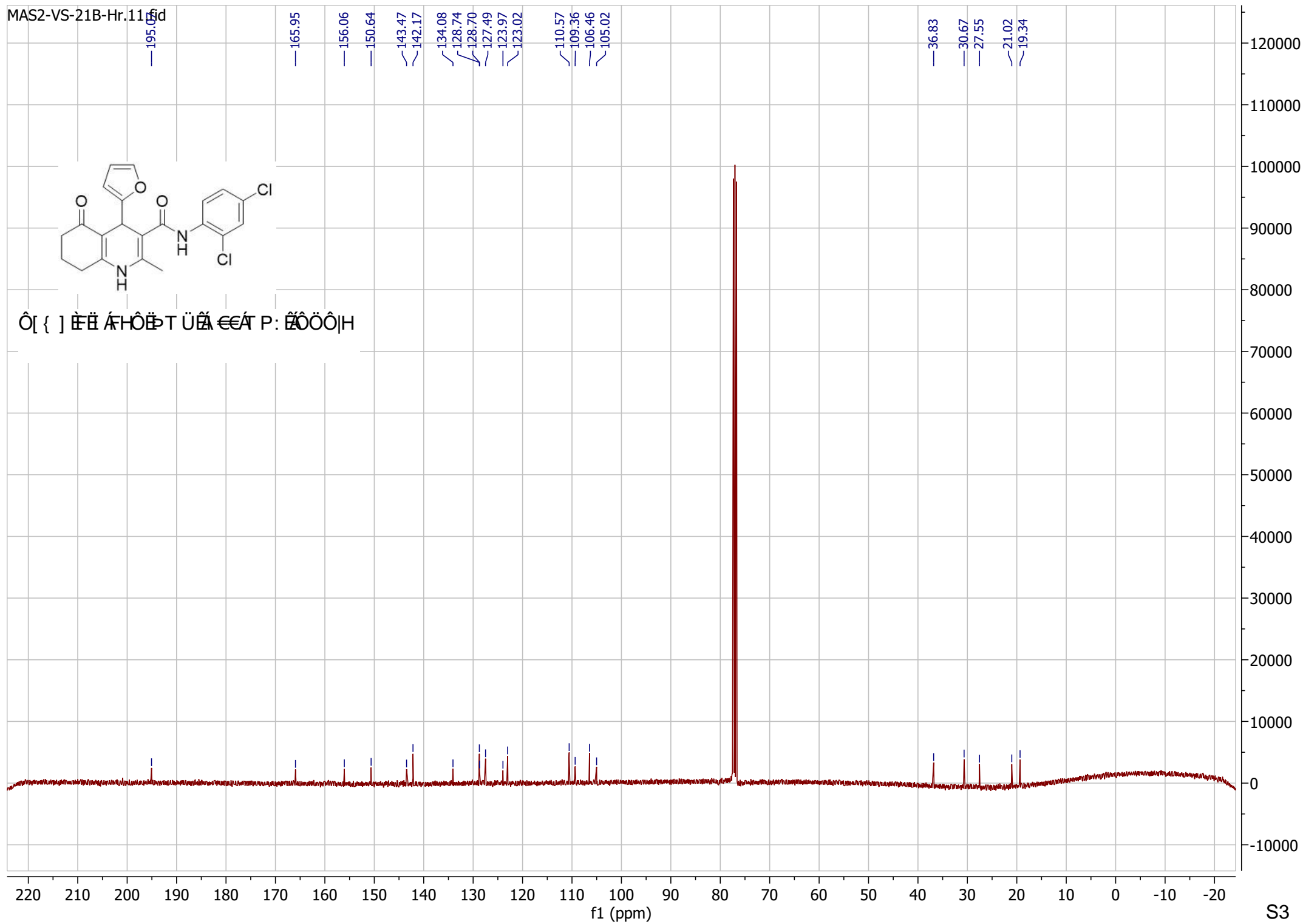


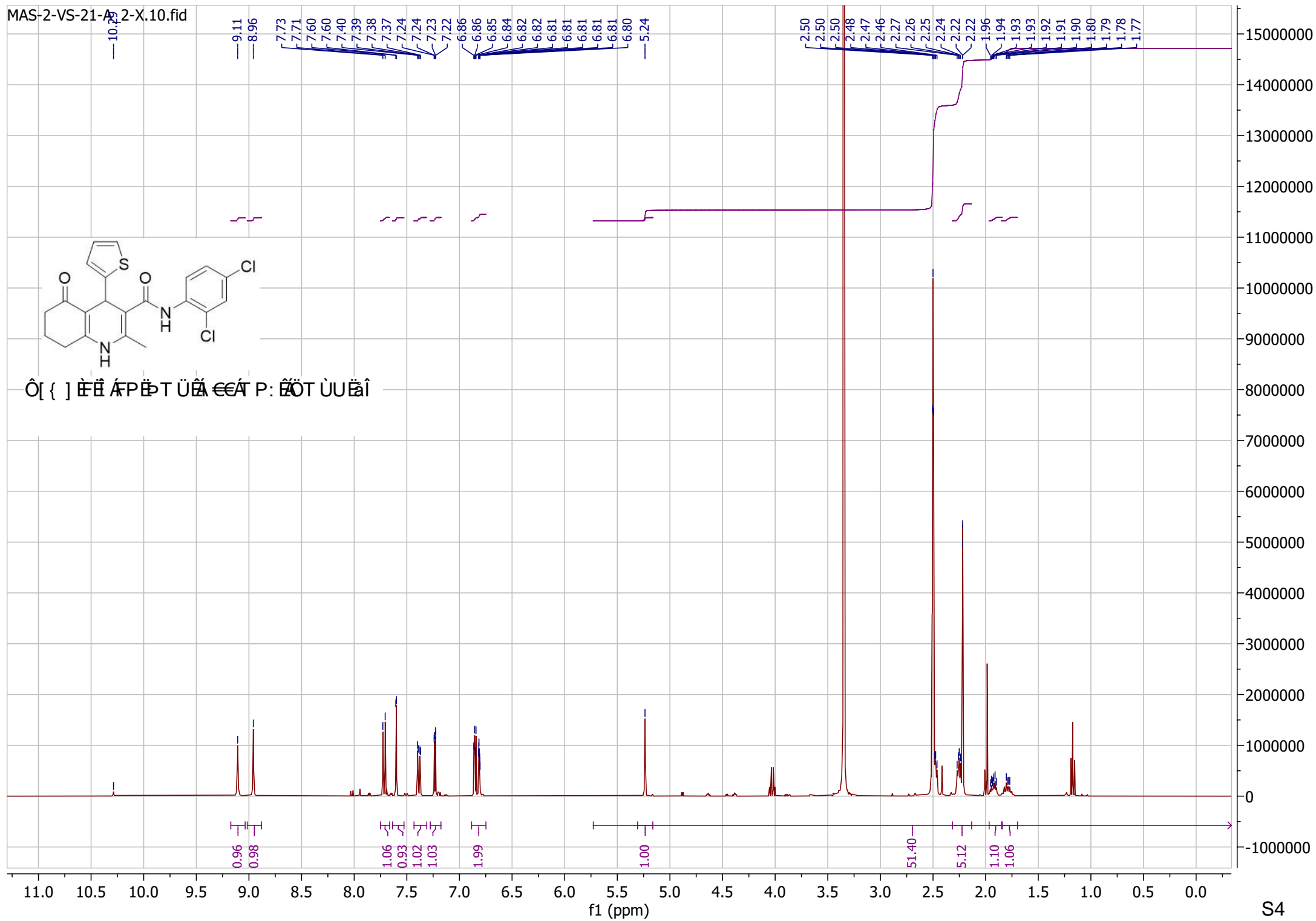
MAS2-VS-21B-Hr.1116

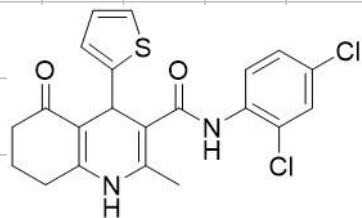


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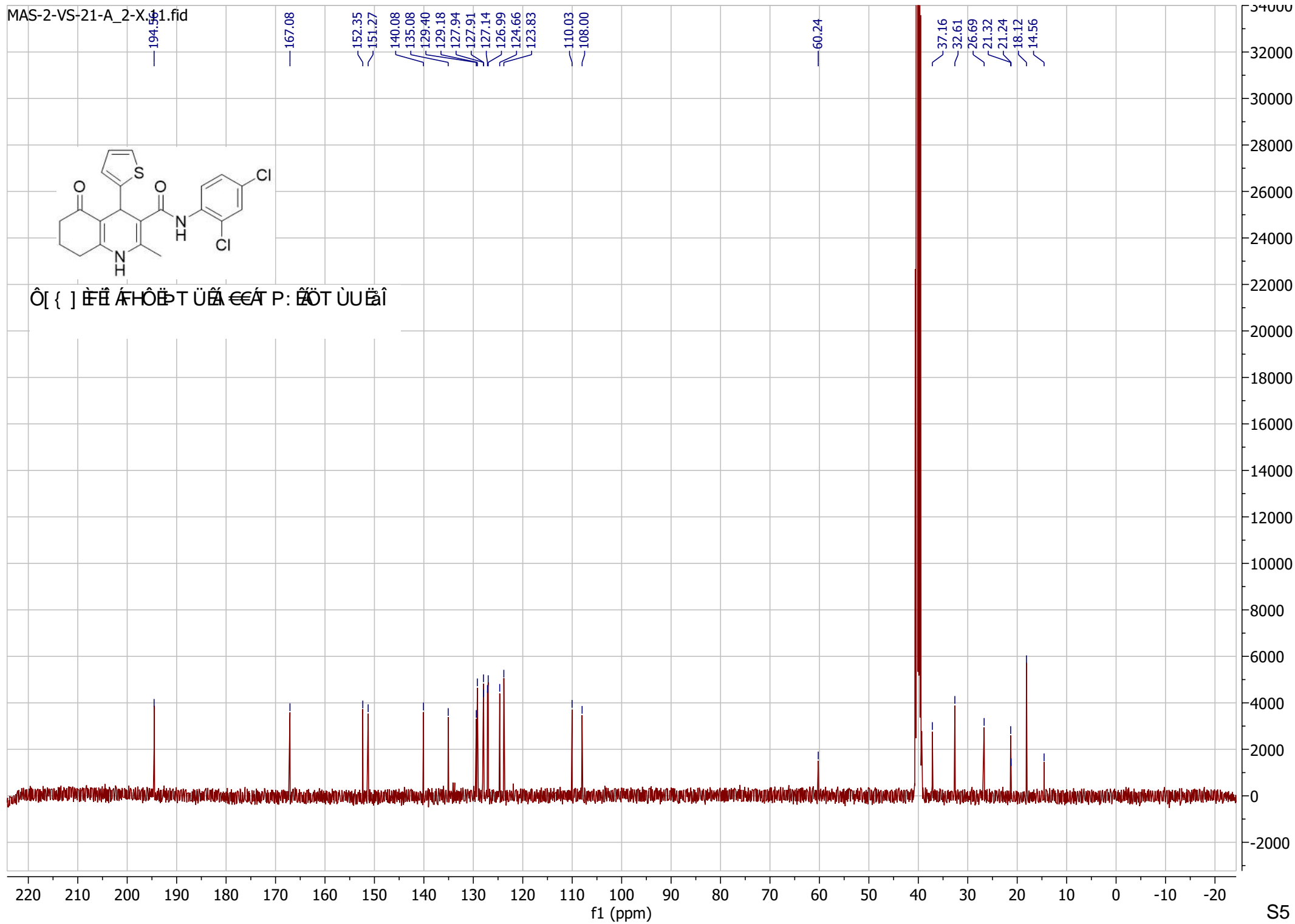
- 195.06
- 165.95
- 156.06
- 150.64
- 143.47
- 142.17
- 134.08
- 128.74
- 128.70
- 127.49
- 123.97
- 123.02
- 110.57
- 109.36
- 106.46
- 105.02
- 36.83
- 30.67
- 27.55
- 21.02
- 19.34

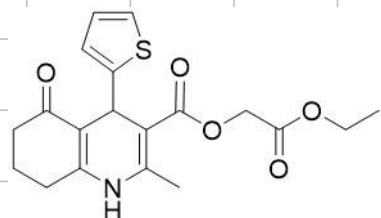




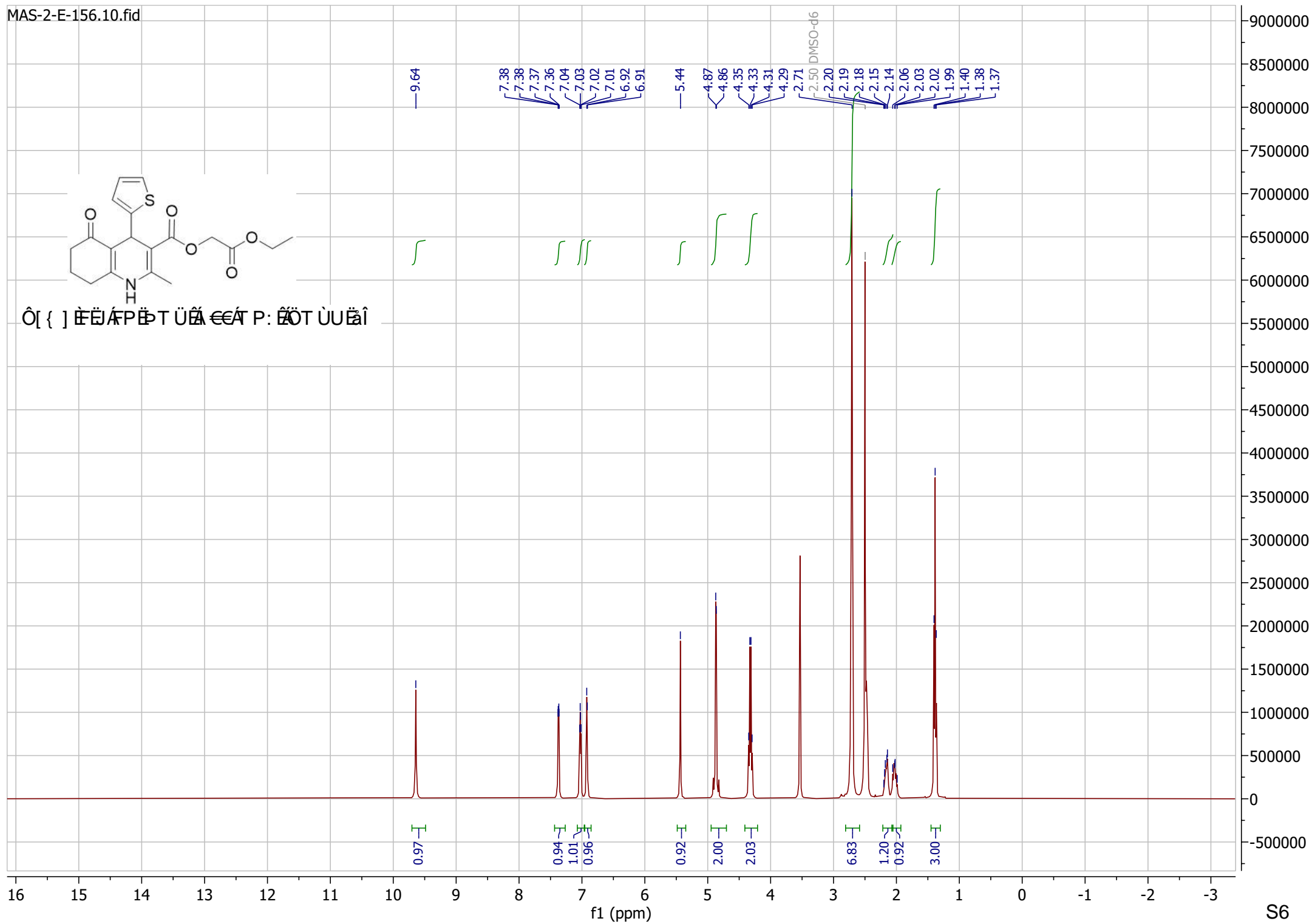


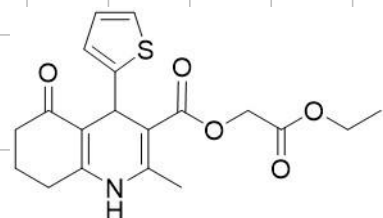
Ô[{] ÈÊ ÁĤÔËT ÜËÄ €Á P: ÊÖT ÙÜËÎ



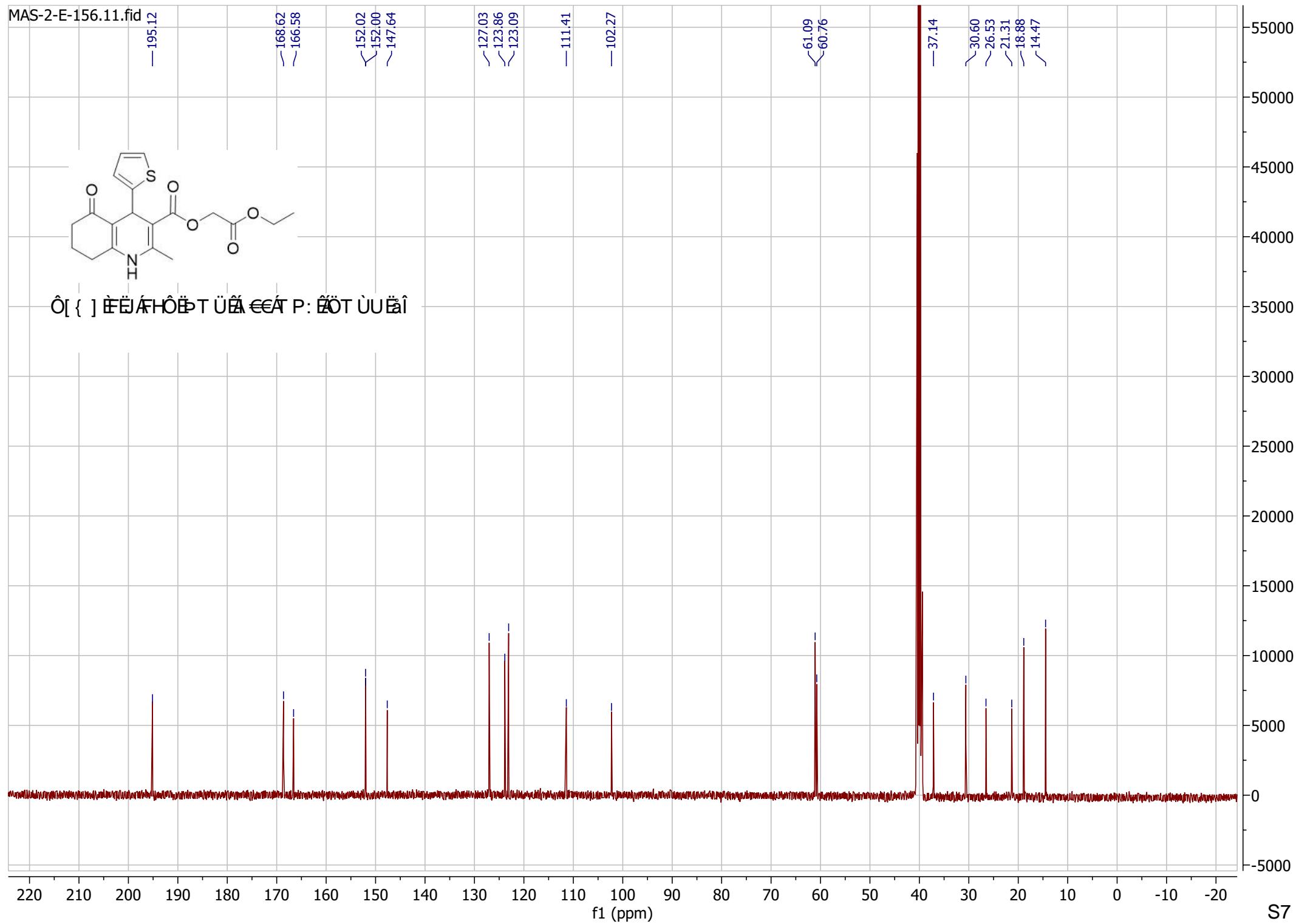


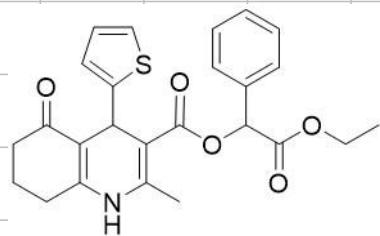
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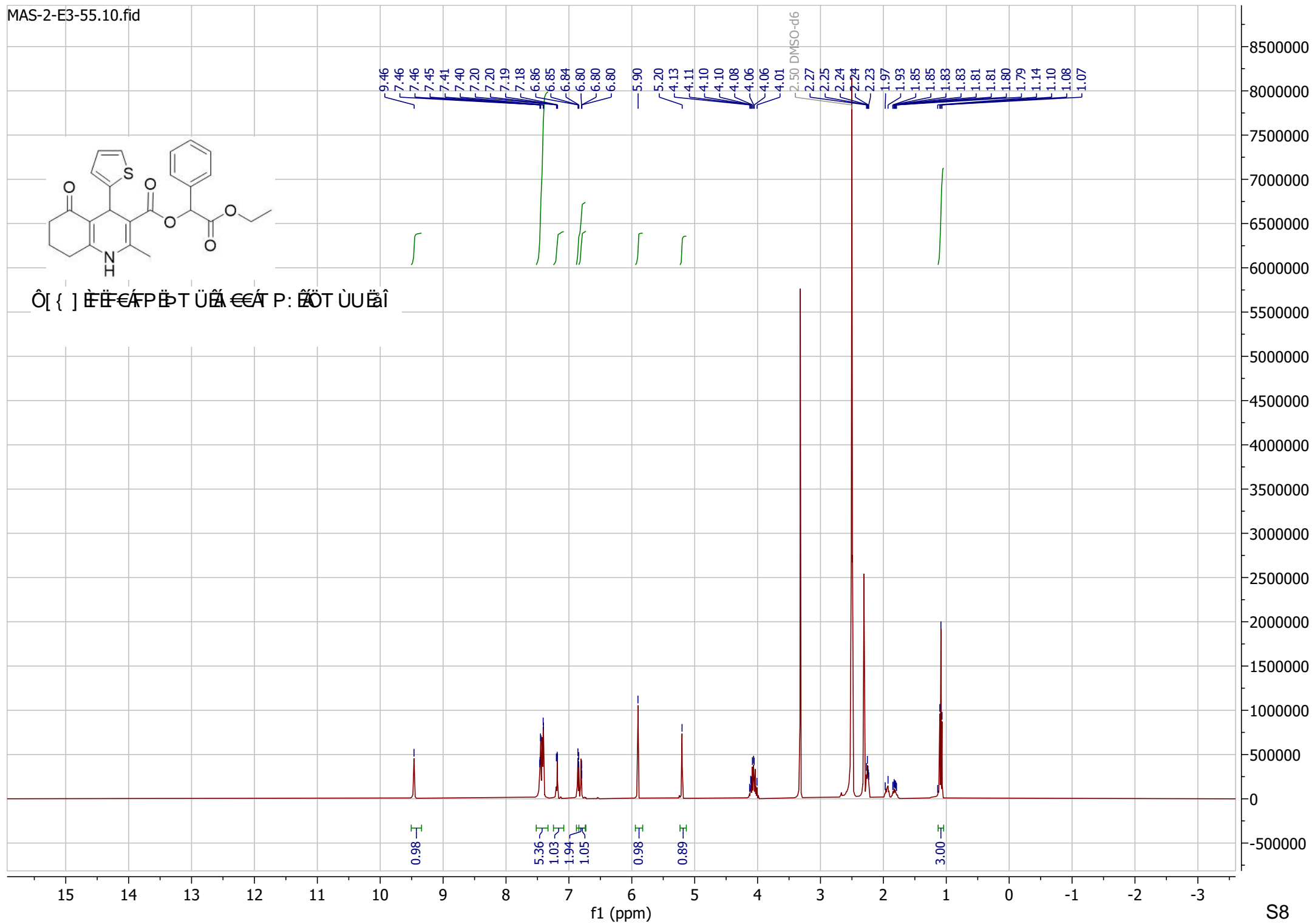


Ô[{] ÈÈÁHÔËT ÜÄ€Ä P: ÊÖT ÜÜÄî





Ô[{] ÈËÇÄPËTÜÄÇÄP: ËÖTÜÜÄÎ



—195.06

—169.27

—166.59

151.98

151.94

147.68

134.70

129.57

129.23

128.05

127.03

123.83

123.23

—111.33

—102.24

—74.60

—61.43

—37.14

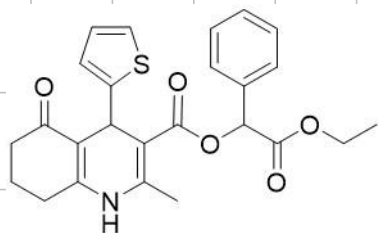
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26.52

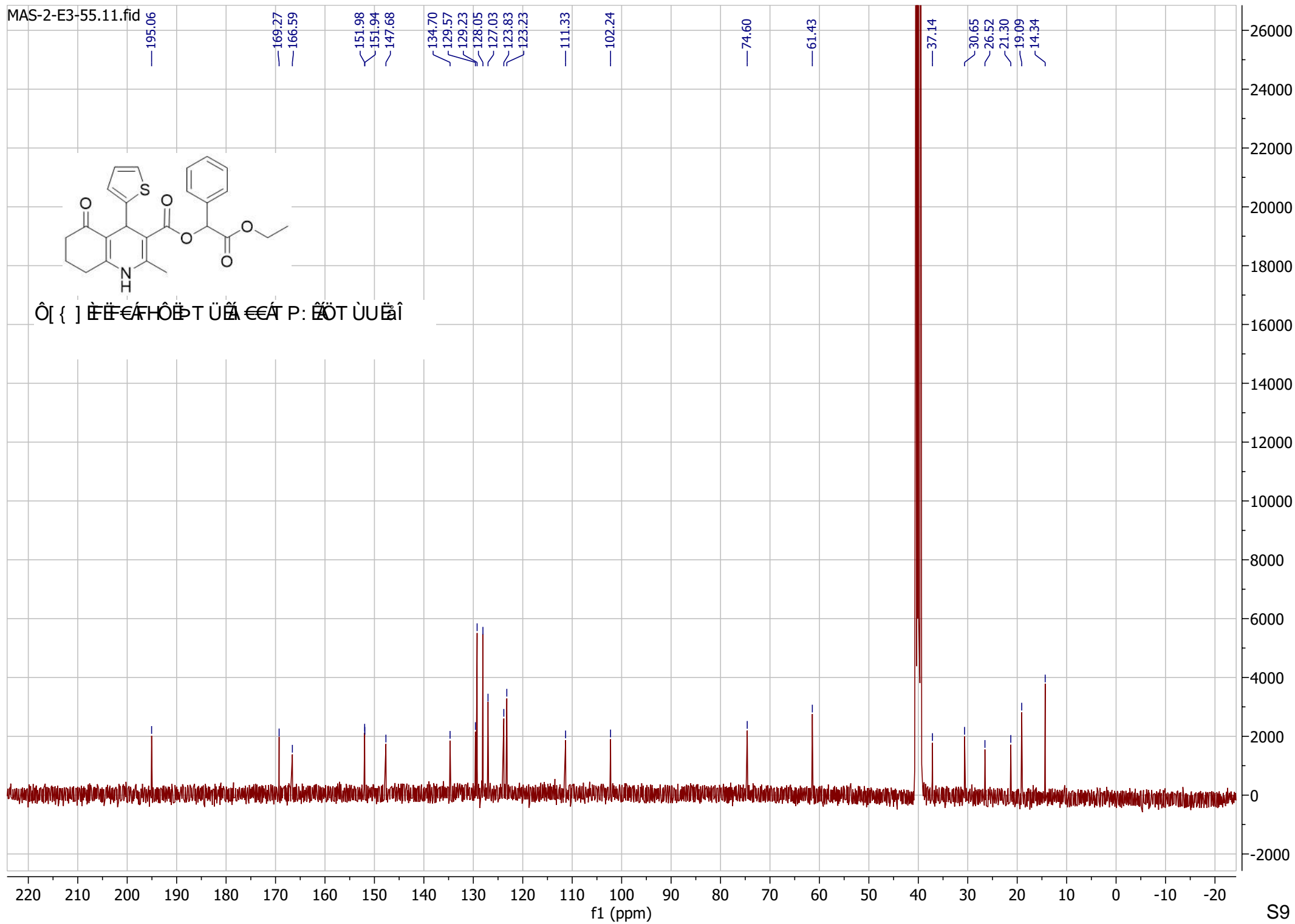
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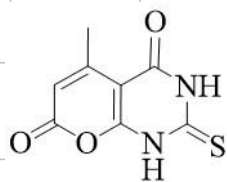
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14.34

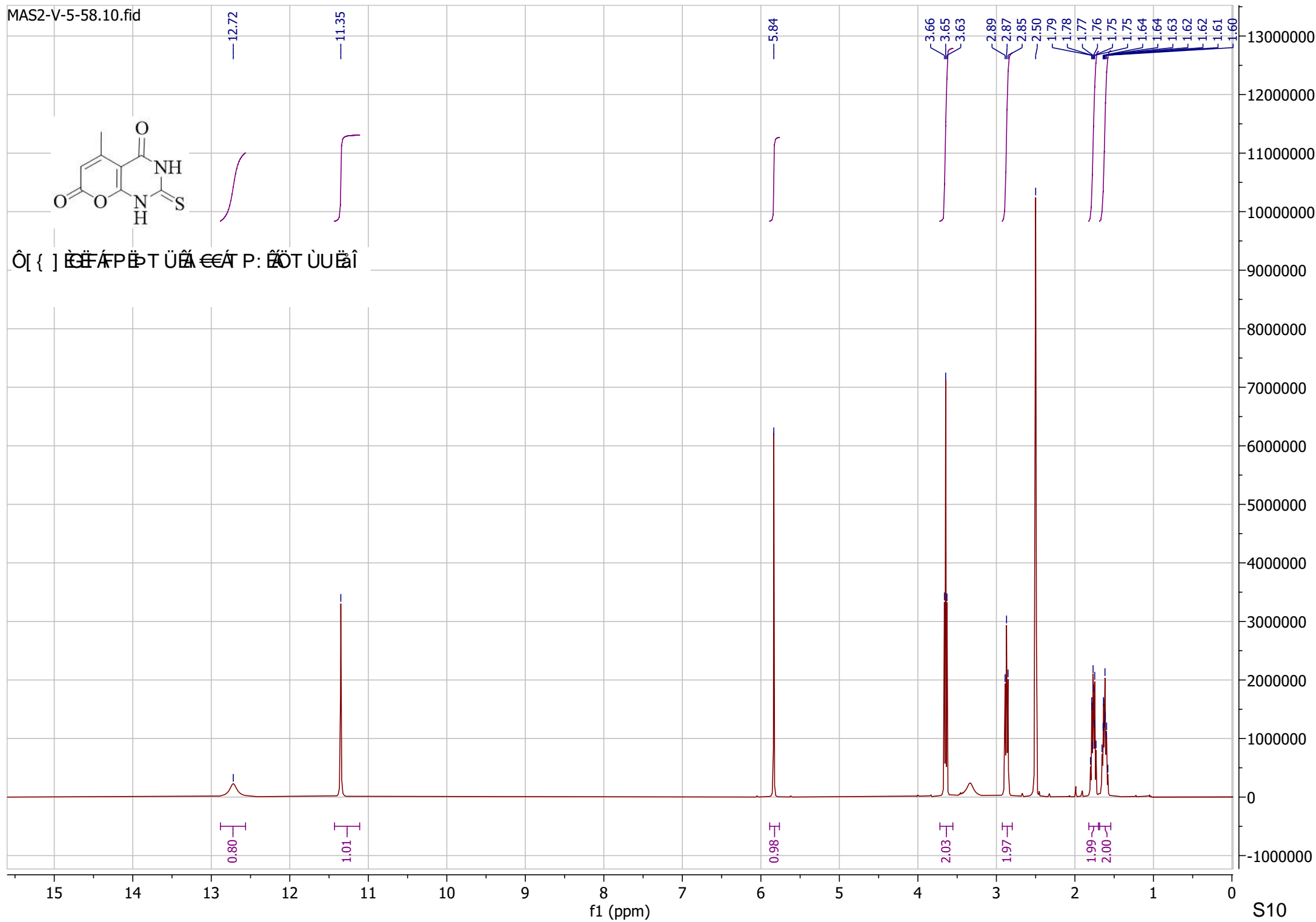


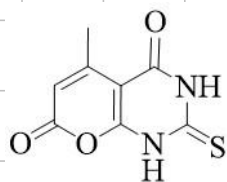
Ô [] È È Á H Ô È T Ü Á Á Á P : Á T Ü Ü Á



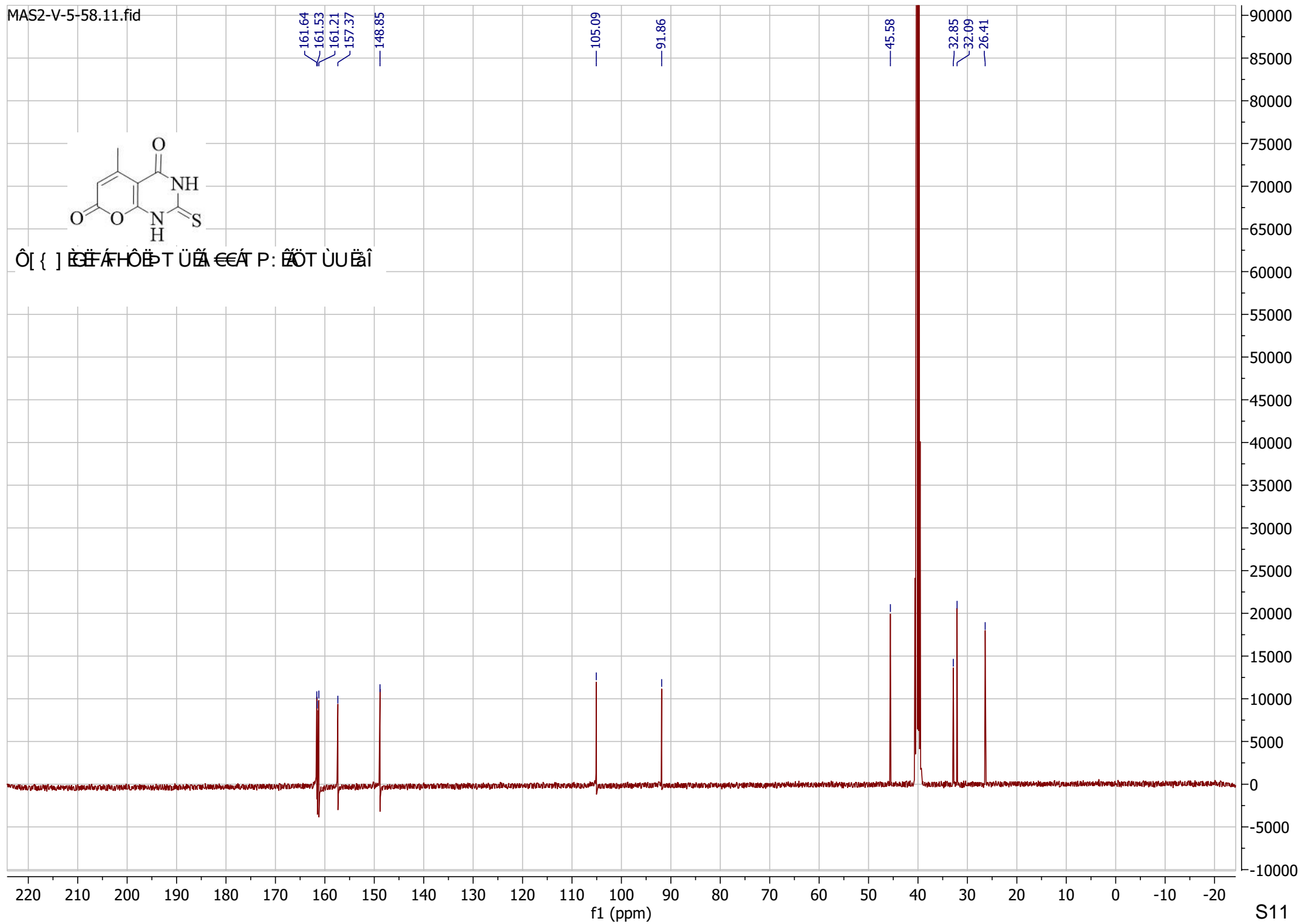


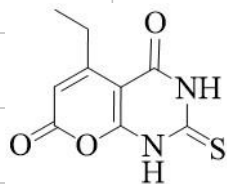
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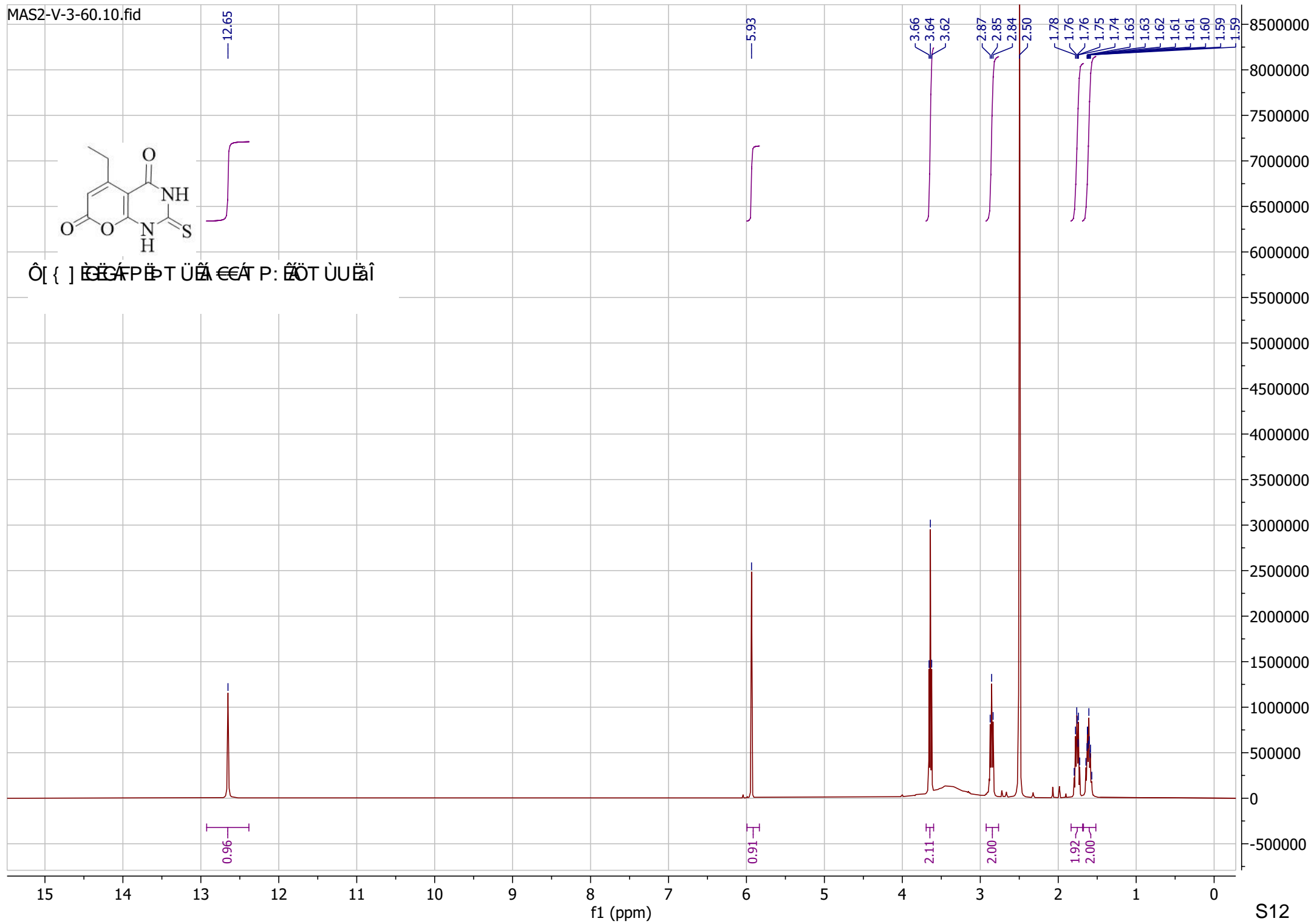


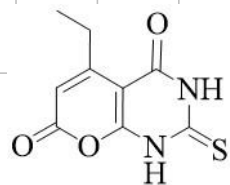
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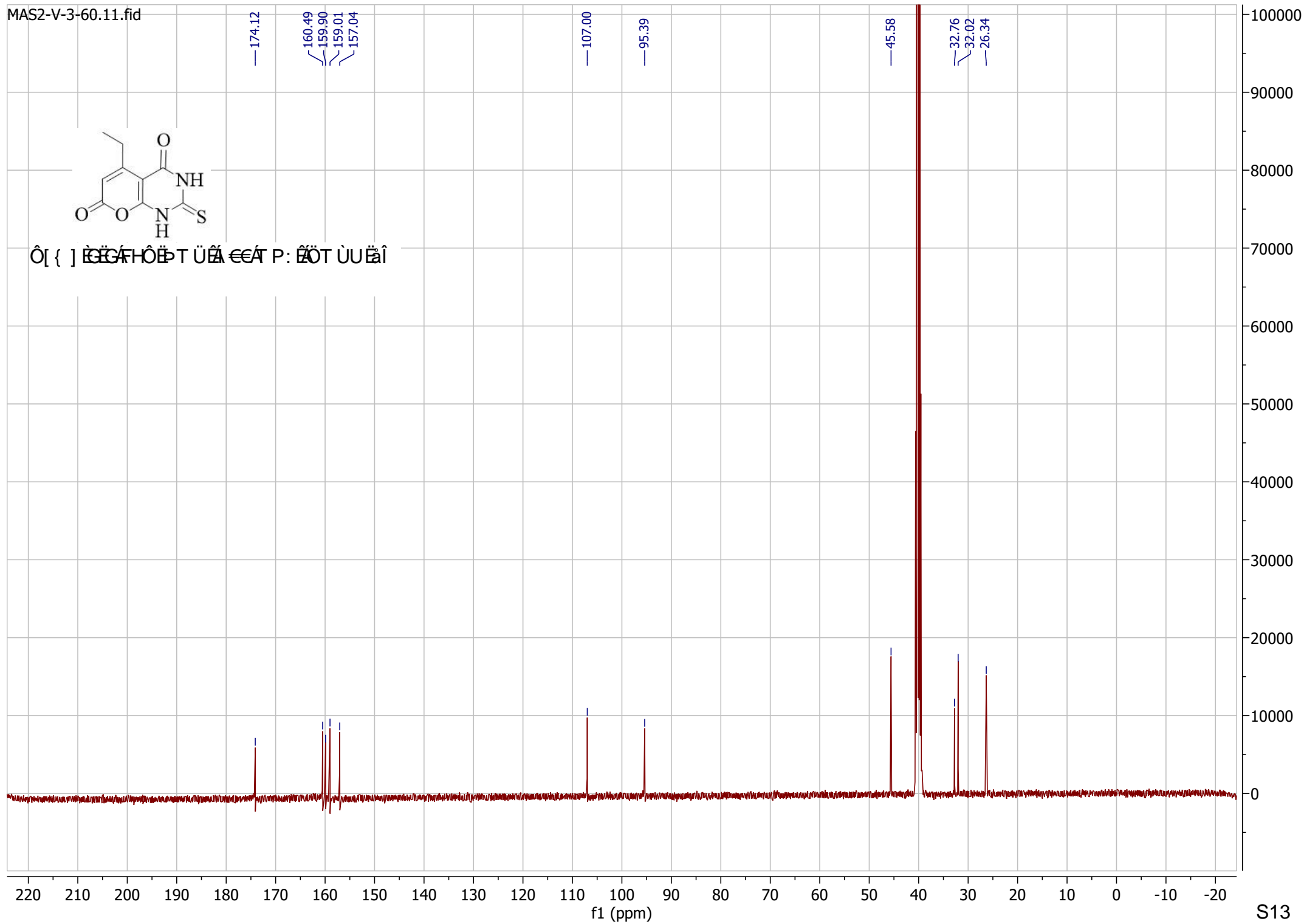


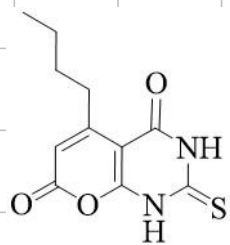
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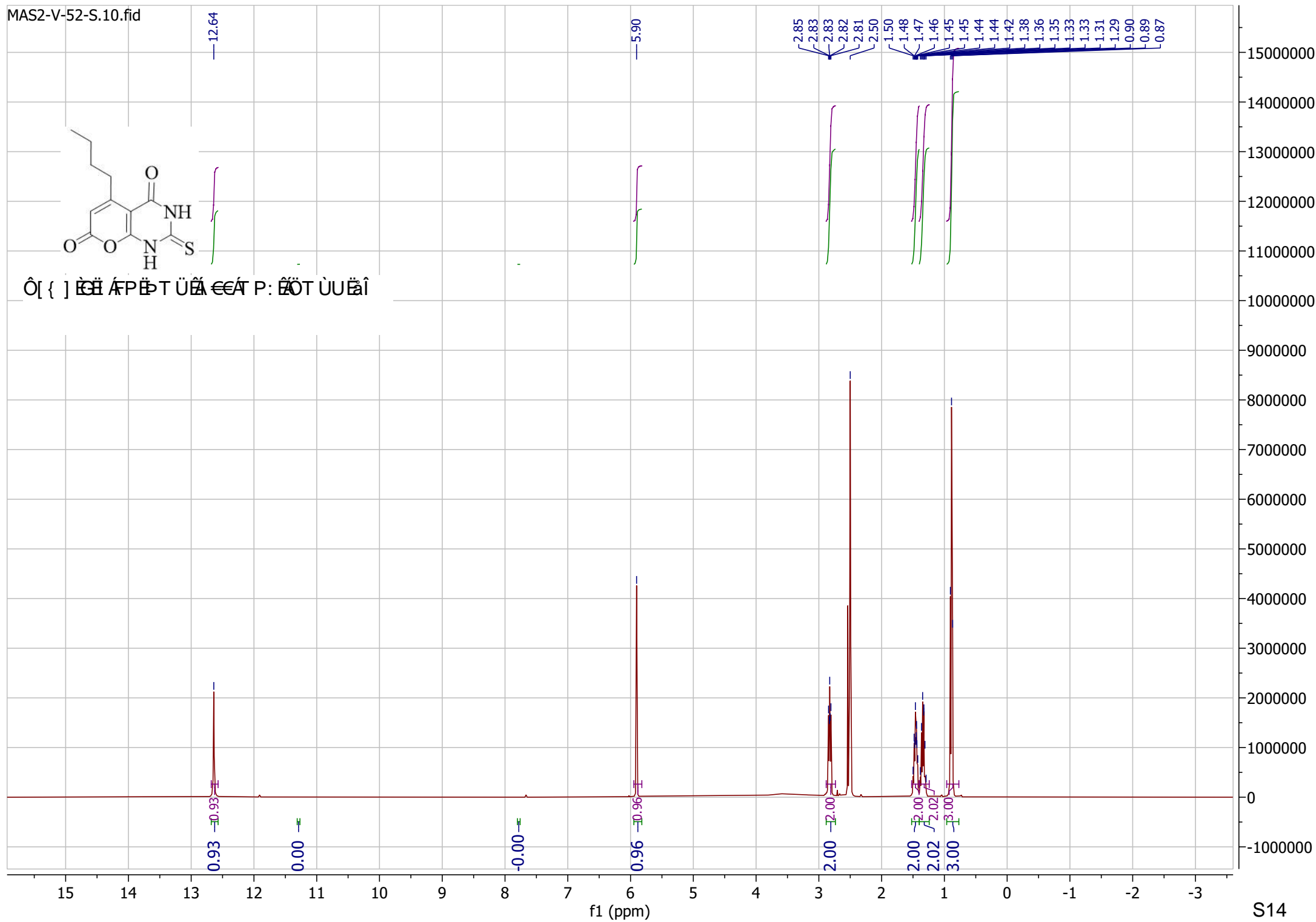


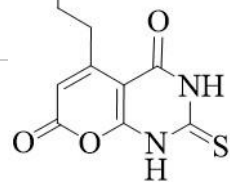
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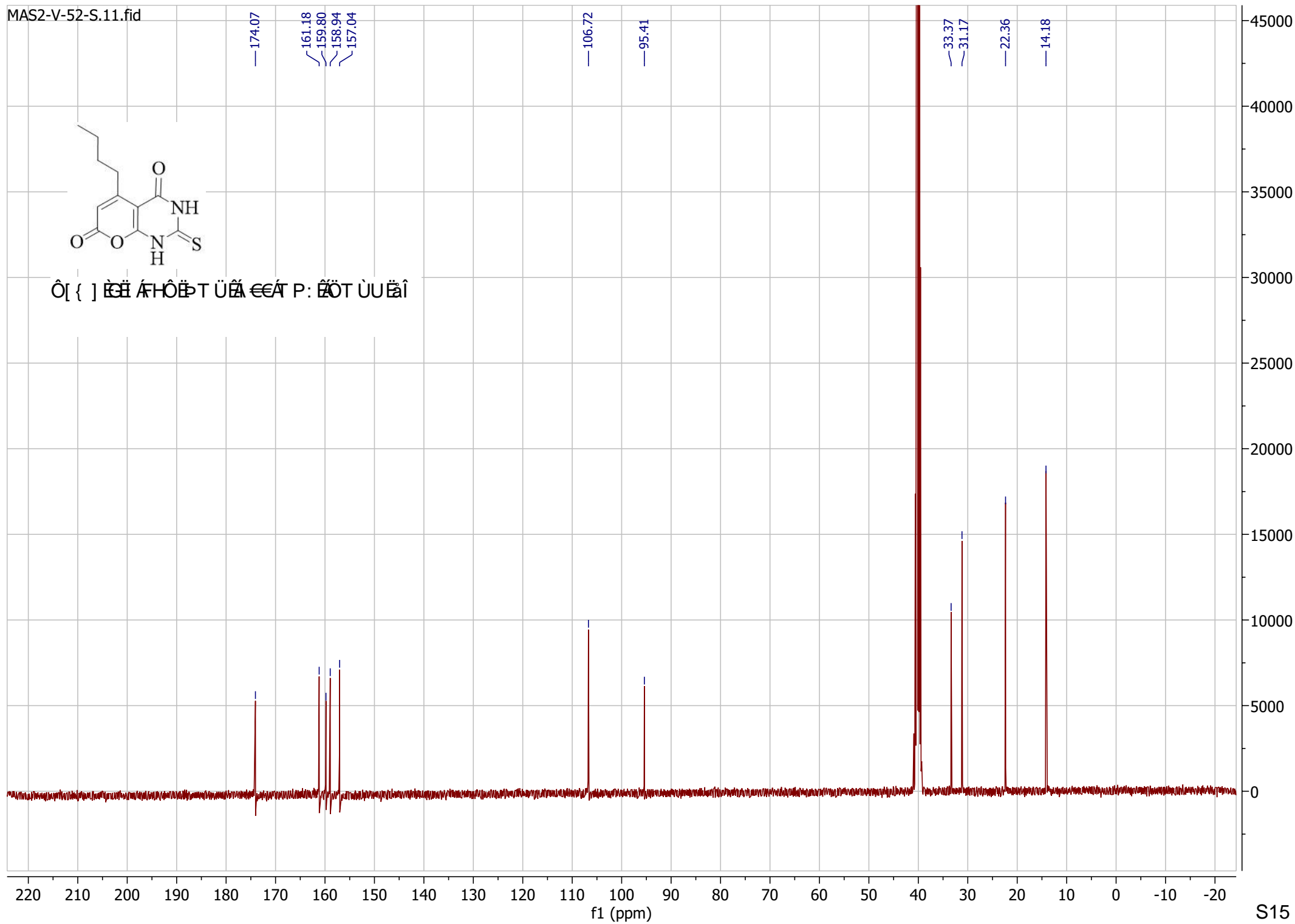


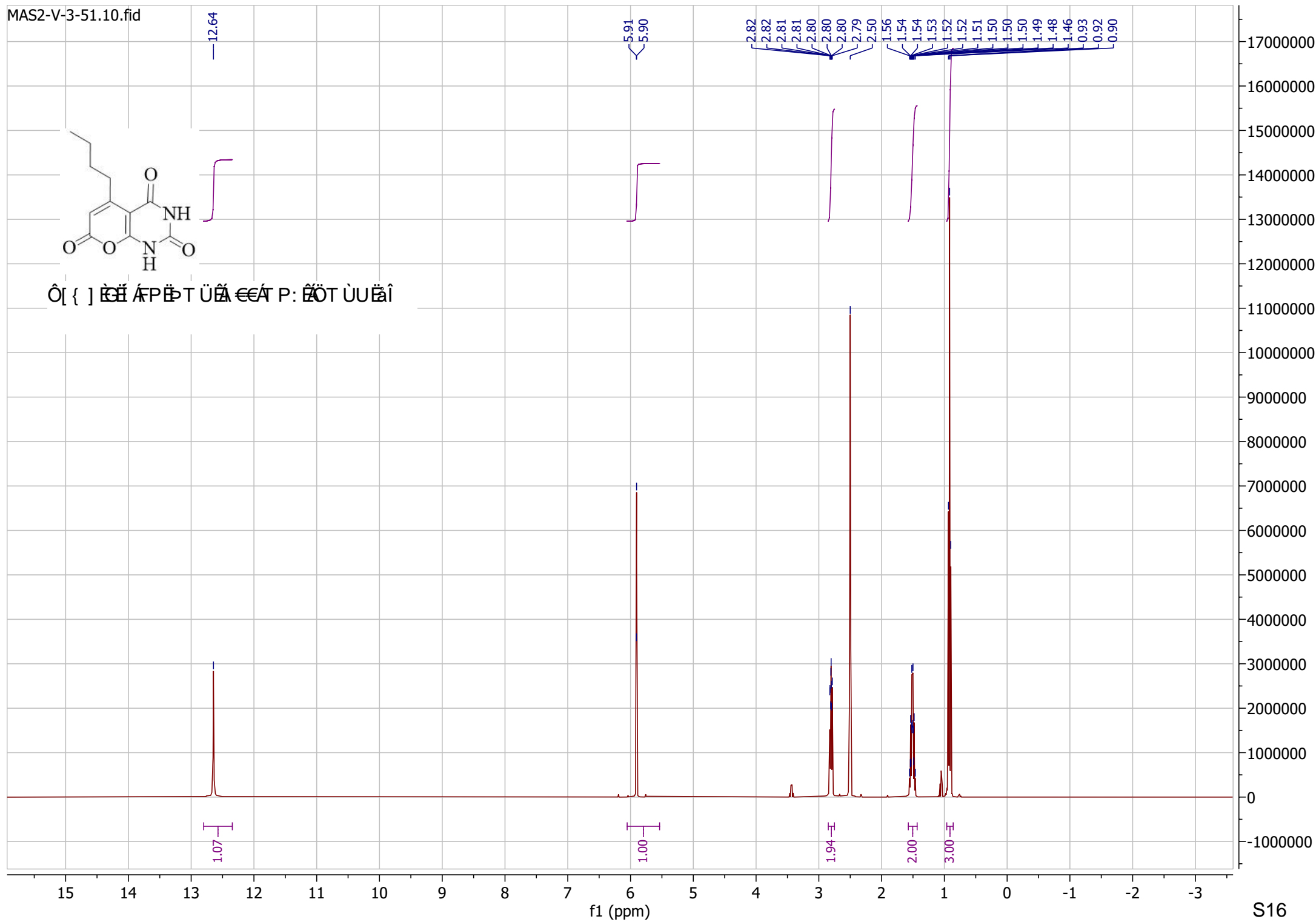
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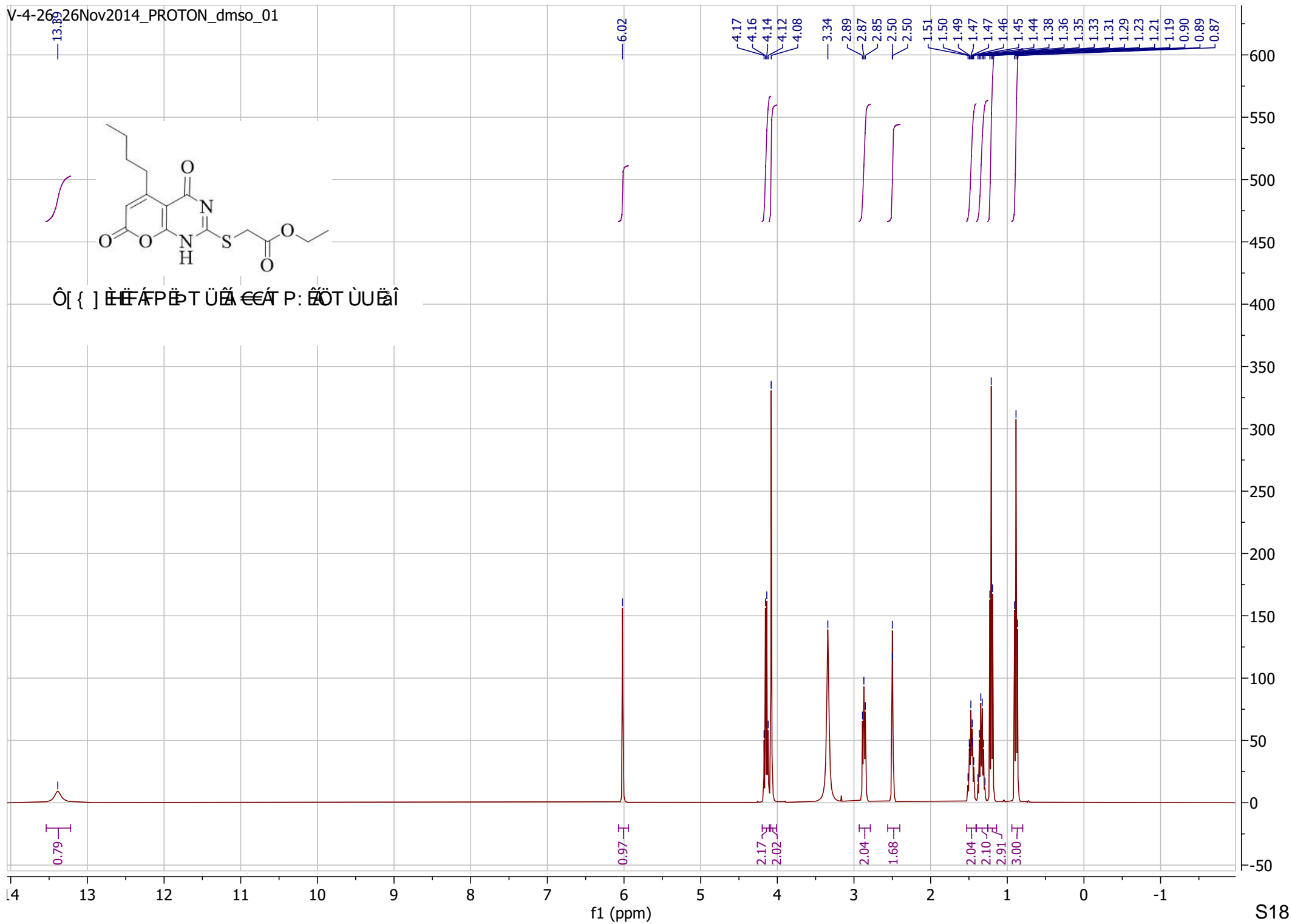


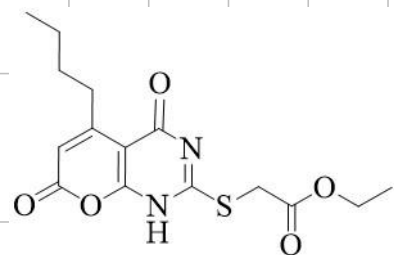


01 161.18 159.80 158.94 157.04 106.72 95.41 33.37 31.17 22.36 14.18

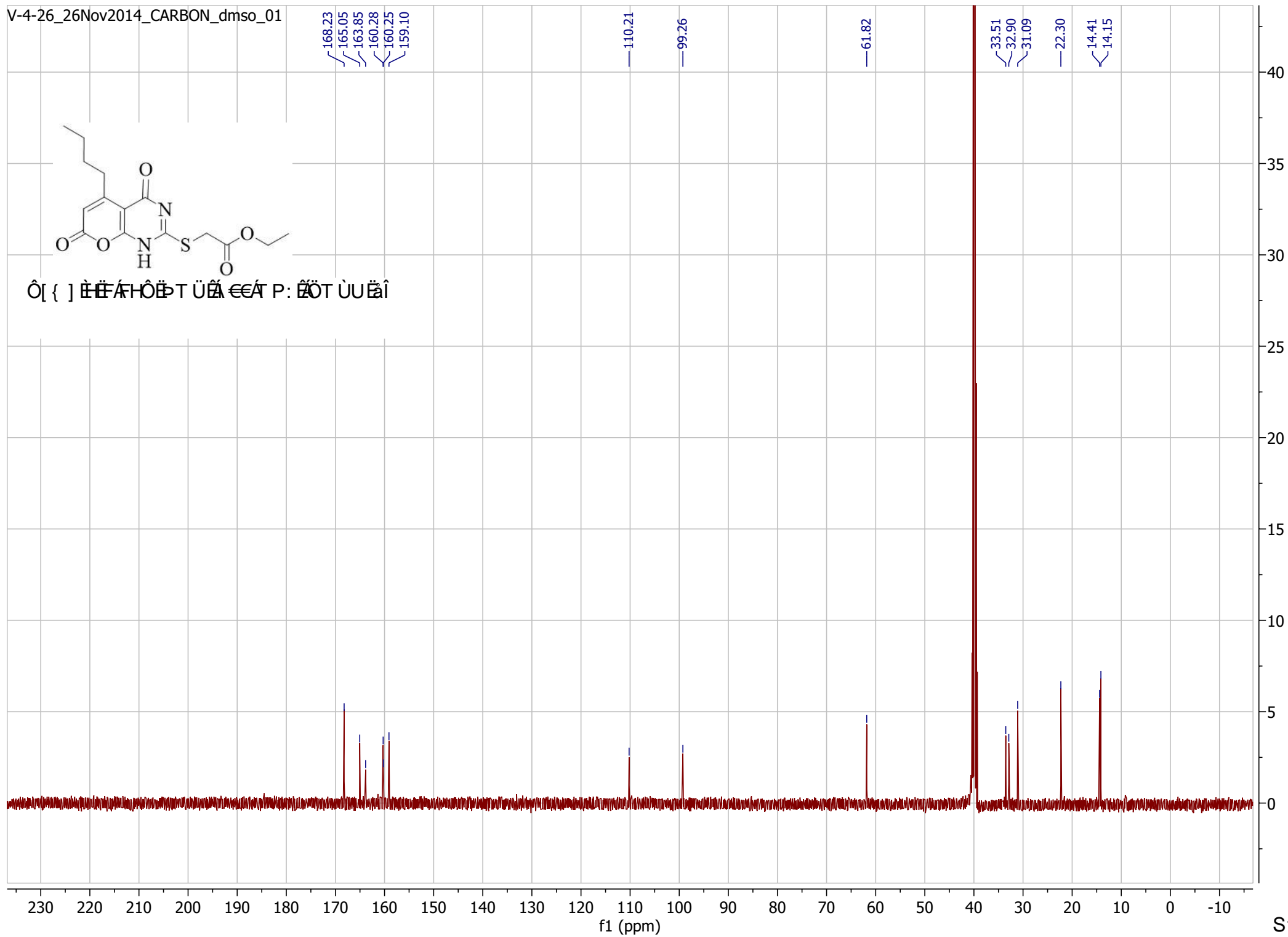


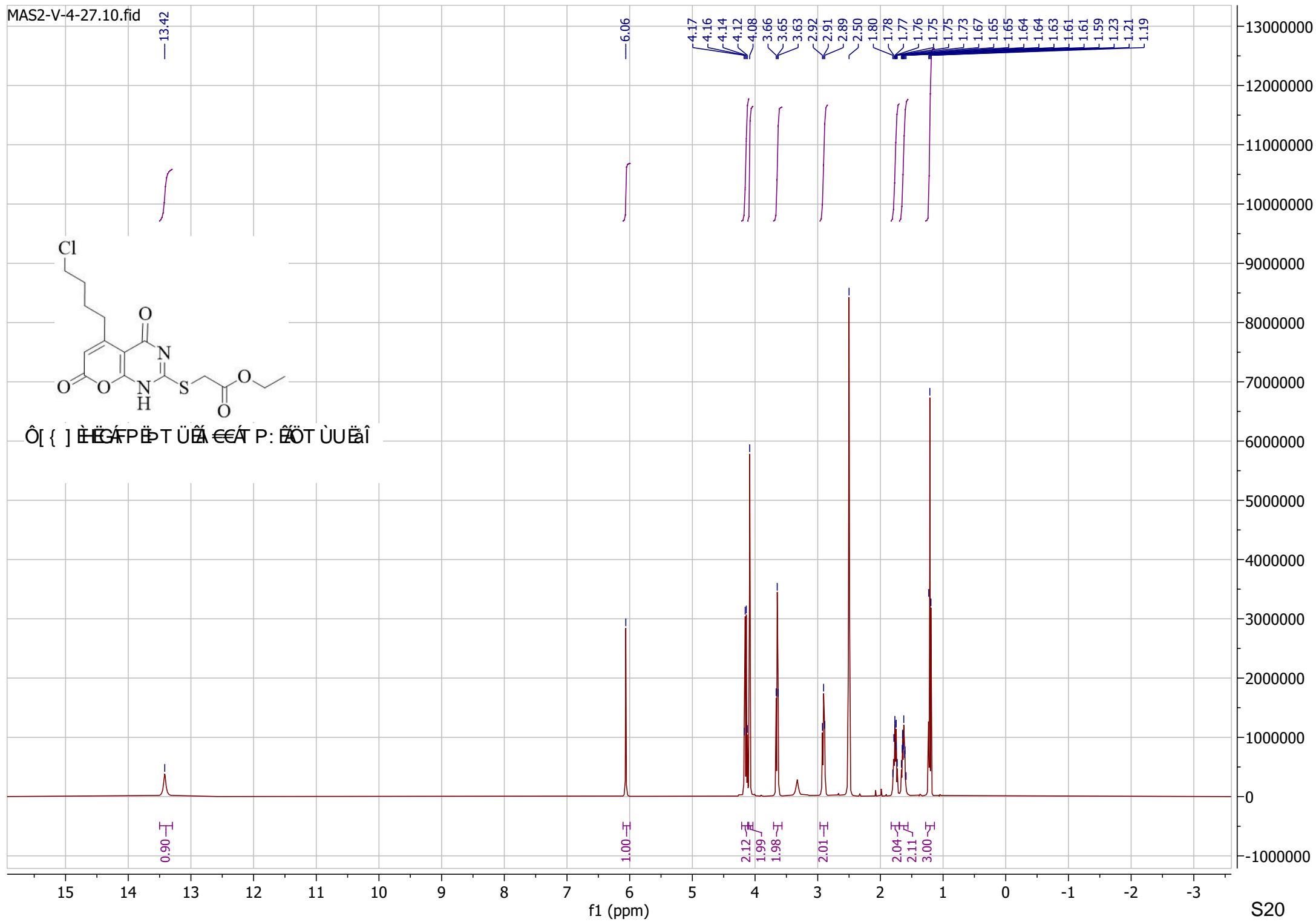


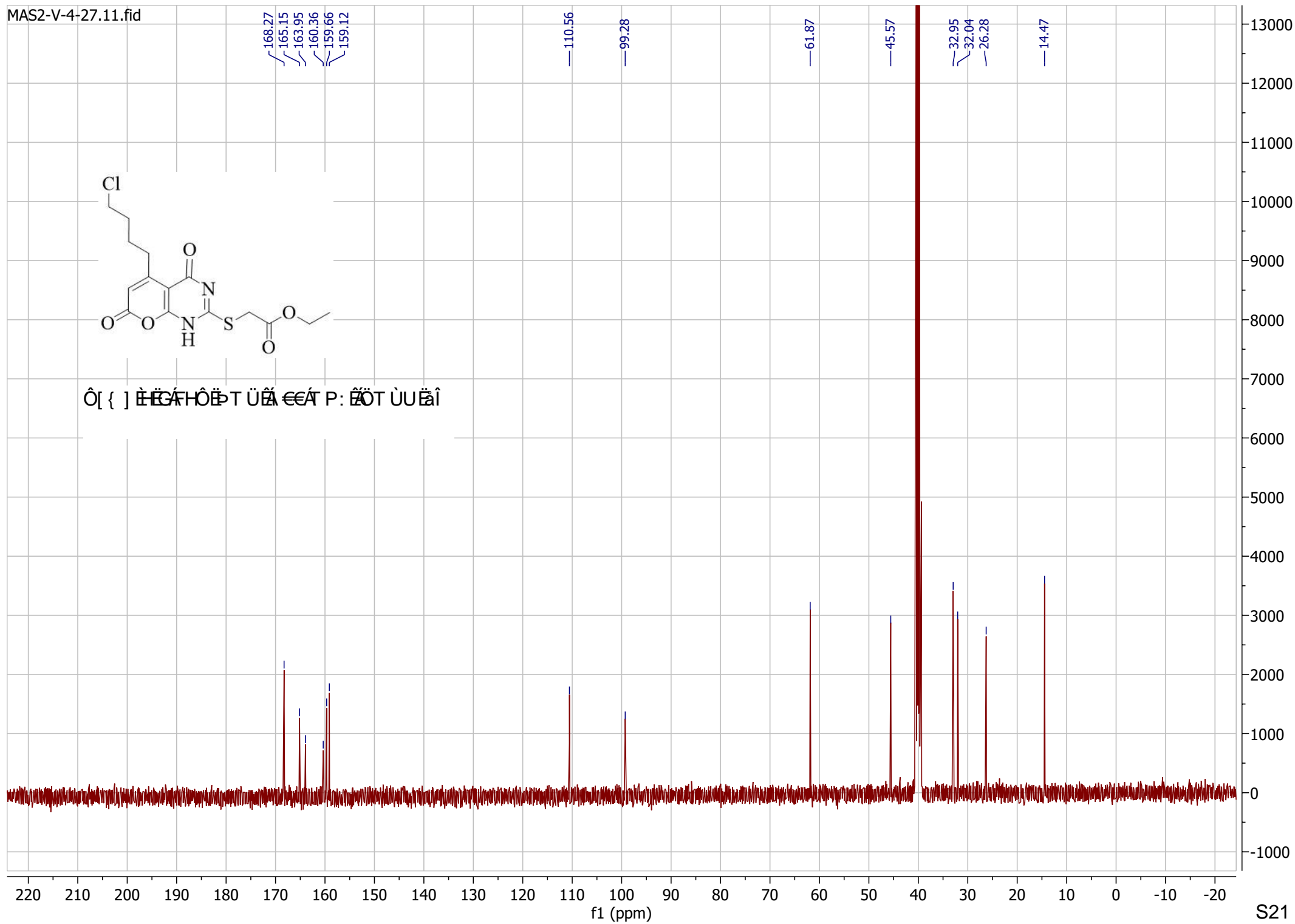


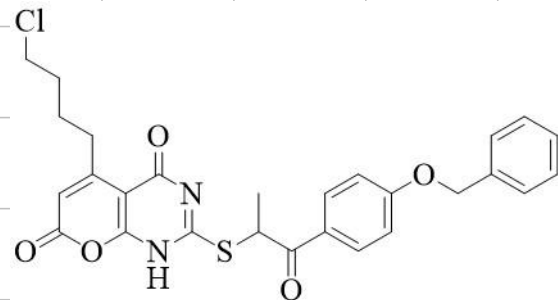


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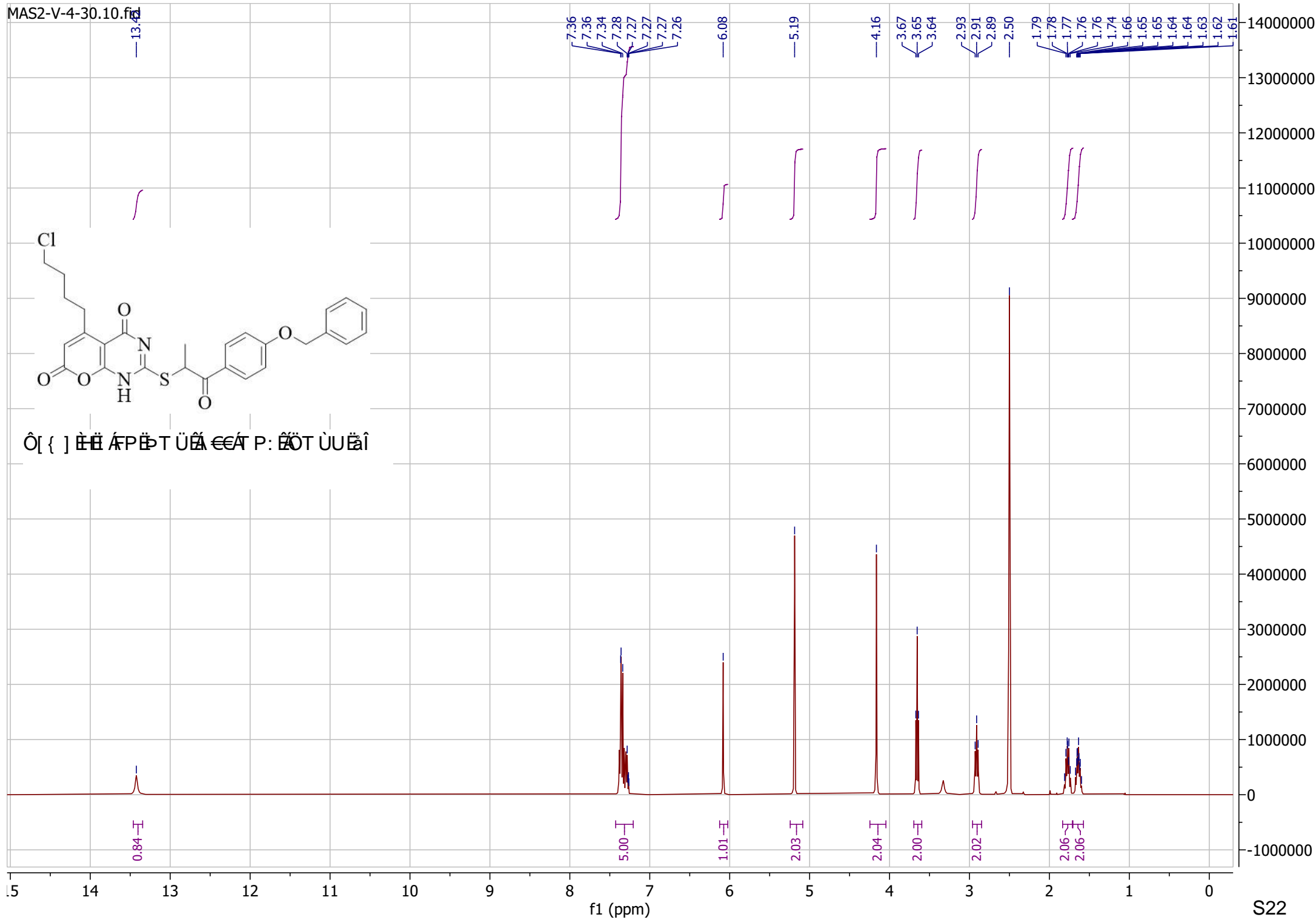


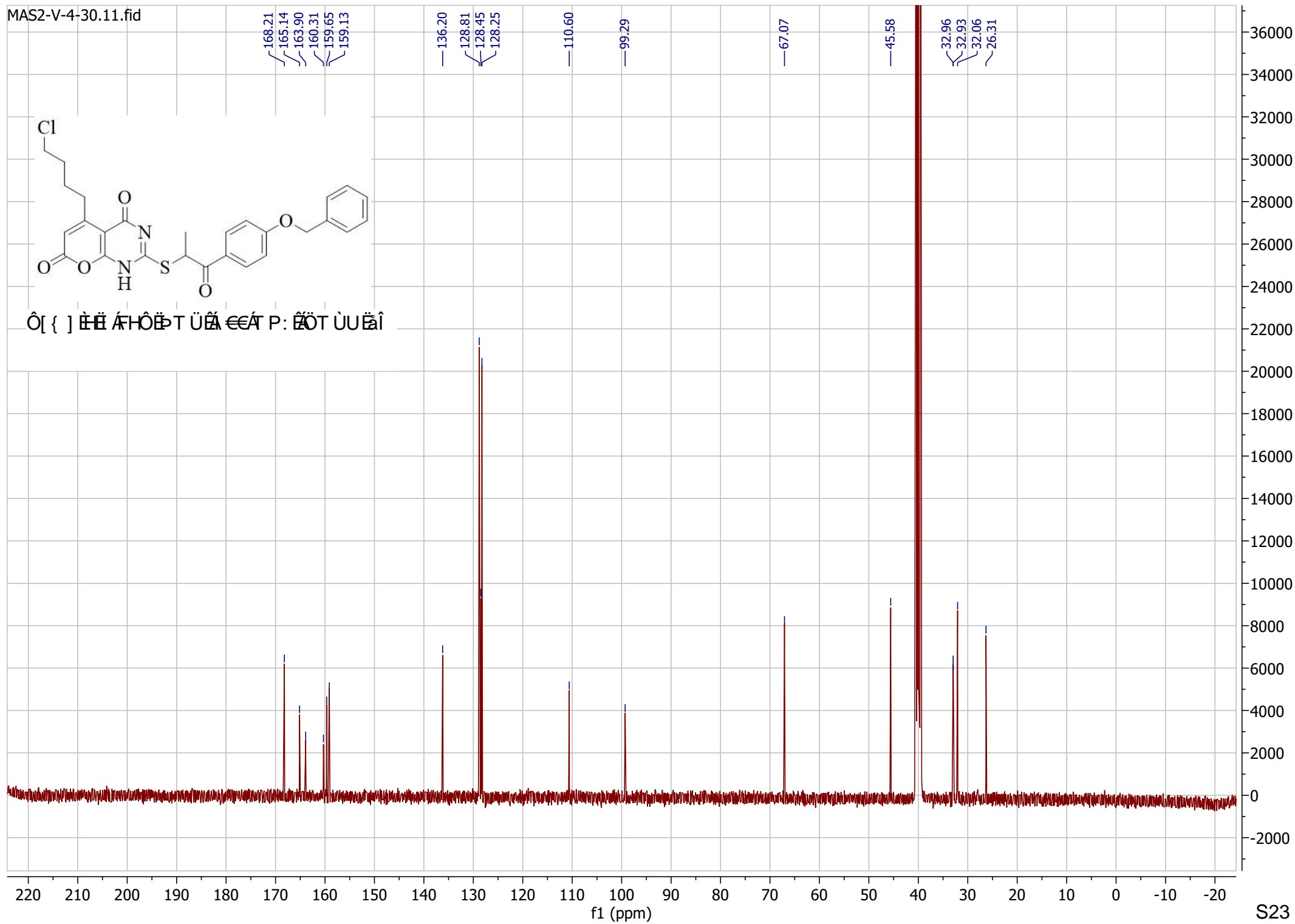


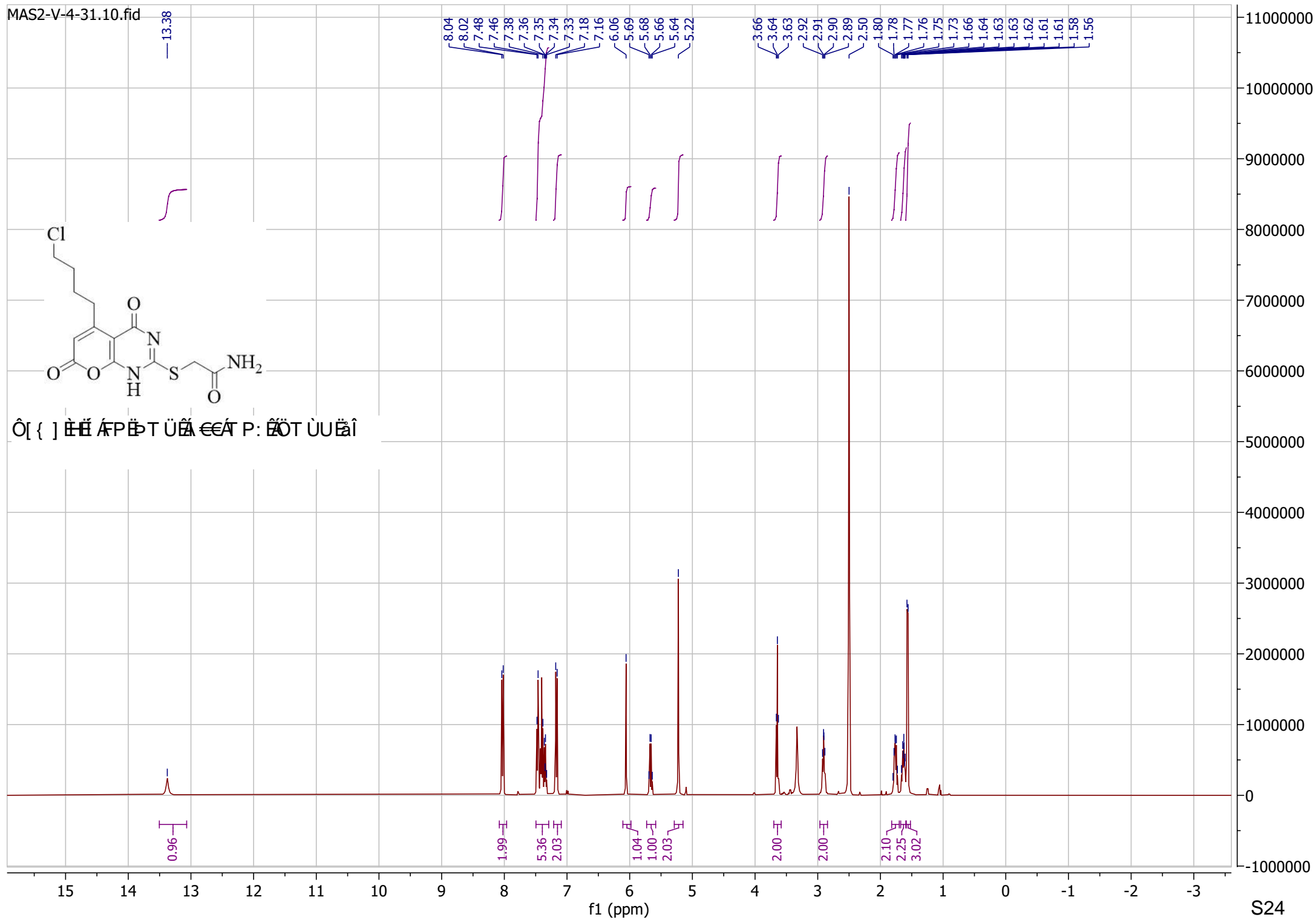


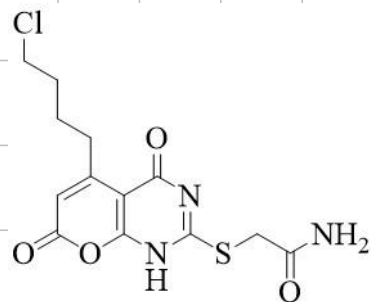


Ô[{] È Á P È T Ü Æ € Á P : Æ Ö T Ü Ü Æ Ì









Ô[{] È È Á H Ô È T Û È Á È Á P : È Ô T Û È Á Î

